

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/729,663	GULERYUZ, ONUR G.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Sheela C. Chawan	2623	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Nov 28, 2005.
2. ☒ The allowed claim(s) is/are 1-29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**/Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) <u>8/17/05</u></li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date <u>12/5/03</u></li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____.</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
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## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed on Nov 28, 2005 has been entered.

Claims 1- 29 are pending in the application.

### ***Response to Arguments***

2. Applicant's arguments filed on Nov 28, 2005 have been fully considered and persuasive (see page 9, lines 11- 16, of the remarks filed on 11/28/05) and submission of terminal disclosure filed 1/06/06 to obviate a double patenting rejection over a pending application 10/729,663. The double patenting and 102(e) art rejection are withdrawn and all the pending claims 1-29 are now allowed.

### **Drawings**

3. The Examiner has approved drawings filed on 7/23/03.

### **Information Disclosure Statement**

4. The information disclosure statement (IDS) submitted on 12/5/03 has been considered by the examiner.

### ***Terminal Disclaimer***

5. The terminal disclaimer filed on 1/06/06 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of 10/729,663 has been reviewed and is accepted. The terminal disclaimer has been recorded.

### ***Reasons For Allowance***

6. The following is an examiner's statement of reasons for allowance:

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Claims 1-29 are allowed.

Applicant's arguments filed on Nov 28, 2005 have been fully considered and persuasive (see page 9, lines 11- 16, of the remarks filed on 11/28/05) and submission of terminal disclosure filed 1/06/06 to obviate a double patenting rejection over a pending application 10/729,663. The double patenting and 102(e) art rejection are withdrawn and all the pending claims 1-29 are now allowed. The prior art of record Triplett et al. (US. 6,347,153) Regarding claim 1 fails to teach "distributing the image data to multiple branches, wherein at least two of the multiple branches include filters configured to blur the image data at different resolutions", "combining data output from the at least two of the multiple branches; and determining whether the combined data is to be labeled as a low resolution halftone", as commonly included in each of the independent claim 15, 19, 20, 21, 22 and 23, the prior art of record fails to teach either singularly or in combination, fails to anticipate or render the above limitations obvious.

Claim 6, the same limitations as set forth in claim 1 are contained as an independent claim (refer to claim 1 for common features) except for step of claim 6, recites "subtracting the combined data from the output of the filter associated with the second resolution", and "determining whether a pixel corresponding to the data representing the detected edges is over a halftone region based upon a result from the subtracting", as commonly included in each of the independent claim 12, 17 and 25, the prior art of record fails to teach either singularly or in combination, fails to anticipate or render the above limitations obvious.

7. Any comments considered necessary by applicant must be submitted on later than the payment of the issue fee and to avoid processing delays should preferably accompany the issue fee. Such submissions should be clearly labeled, comments on statement of reasons for allowance.

***Contact Information***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheela C Chawan whose telephone number is. 571-272-7446. The examiner can normally be reached on Monday - Thursday 7.30 - 6.00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jingge Wu reached on 571-272-7429. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Sheela Chawan  
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Group Art Unit 2623  
Jan 10, 2006